

### AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for determining a polarity of a sync pulse comprising:

determining if a particular one or more parameters are received with a particular values; and

if the particular one or more parameters are not received with particular values:

determining a count of the sync pulse using a counter [, wherein determining said count includes counting a number of pixels for an Hsync pulse]; and

determining the polarity of the sync pulse using said count.

2. (Original) The method of Claim 1, wherein determining said count includes incrementing said counter until a next edge is detected.

3-4. (Cancelled)

5. (Original) The method of Claim 2, wherein the polarity of the sync pulse is equal to a level of a sync pulse.

6. (Original) The method of Claim 5, wherein the polarity of the sync pulse is equal to said level of said sync pulse prior to a third edge of a sync pulse is detected.

7. (Original) The method of Claim 5, including decrementing said counter until a third edge of a sync pulse is detected.

8. (Original) The method of Claim 1, wherein the polarity of the sync pulse is equal to an inverse of a polarity of a sync signal.

9. (Original) The method of Claim 8, wherein the polarity of the sync pulse is equal to said inverse of said polarity of said sync signal when said counter reaches zero.

10. (Original) The method of Claim 8, including decrementing said counter until said counter reaches zero.

11-23. (Cancelled)

24. (Amended) A method for determining a polarity of a sync pulse comprising:  
determining if a particular one or more parameters are received with a particular values;

if the particular one or more parameters are not received with particular values:

determining a count of the sync pulse using a counter [, wherein determining said count includes counting a number of lines for a Vsync pulse]; and

determining the polarity of the sync pulse using said count.

25 (Previously Presented) The method of Claim 24, wherein determining said count includes incrementing said counter until a next edge is detected.

26. (Previously Presented) The method of Claim 25, wherein the polarity of the sync pulse is equal to a level of a sync pulse.

27. (Previously Presented) The method of Claim 26, wherein the polarity of the sync pulse is equal to said level of said sync pulse prior to a third edge of a sync pulse is detected.

28. (Previously Presented) The method of Claim 26, including decrementing said counter until a third edge of a sync pulse is detected.

29. (Previously Presented) The method of Claim 24, wherein the polarity of the sync pulse is equal to an inverse of a polarity of a sync signal.

30. (Previously Presented) The method of Claim 29, wherein the polarity of the sync pulse is equal to said inverse of said polarity of said sync signal when said counter reaches zero.

31. (Previously Presented) The method of Claim 30, including decrementing said counter until said counter reaches zero.

Claims 32-41 (Cancelled).